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(54) Title: **TUBERCULOSIS DIAGNOSTIC TEST**

(57) Abstract: A method of diagnosing in a host infection by or exposure to a mycobacterium which expresses ESAT-6 comprising (i) contacting a population of T cells from the host with one or more peptides or analogues selected from the peptides represented by SEQ ID NO:1 to 11 and analogues thereof which can bind a T cell receptor which recognises any of the said peptides, and (ii) determining whether the T cells of said T cell population recognise the peptide(s) and/or analogue(s). The method may be performed *in vivo*. Peptides and a kit which enable the method to be carried out are provided.

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